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**PHOTOGRAPHIC
INTERPRETATION
REPORT**

**NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER**

**PROBABLE
DUMMY SA-6 EQUIPMENT
EGYPT**

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FEBRUARY 1974

COPY NO. 122

4 PAGES

PIR-010/74

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PROBABLE DUMMY SA-6 EQUIPMENT, EGYPT

1. Probable dummy SA-6 equipment in the Middle East was first observed in Egypt [redacted] Subsequent coverage of Egypt [redacted] revealed the first known deployment of probable dummy SA-6 equipment in the Middle East. 25X1

2. [redacted] three probable dummy STRAIGHT FLUSH radars and two possible dummy SA-6 transporter-erector-launchers (TEL) were present at Cairo Barracks and Army Supply Depot Hulwan, [redacted] (Figure 1). Four probable dummy STRAIGHT FLUSH radars were observed at the supply depot [redacted] and two were seen [redacted] 25X1
[redacted] Dummy military equipment, including dummy missile components of the SA-2 and SA-3 systems, has been observed at this facility in the past. 25X1

3. A deployed probable dummy STRAIGHT FLUSH radar was also observed [redacted] at each of four SA-6 sites in Egypt: NPIC sites 721, 722, 740, and 749 (Figure 2). These sites also contained the normal site complement of SA-6 equipment. The probable dummy STRAIGHT FLUSH radar in each case was positioned without support equipment in a single revetment some distance from the actual guidance area for the site (Figure 3). 25X1

4. In addition to the probable dummy STRAIGHT FLUSH radar, one probable dummy SA-6 TEL was observed at NPIC site 722 [redacted] 25X1

5. Distinguishing between dummy and real SA-6 equipment, particularly the STRAIGHT FLUSH radar, is done by analysis of various details on good-quality photography. Although the dummy STRAIGHT FLUSH radar resembles a real STRAIGHT FLUSH, the two can be differentiated by distinctive features. The dish on the probable dummy STRAIGHT FLUSH radar appears to be mounted on a higher pedestal and does not possess the yoke mount and bulkiness that is seen on the authentic STRAIGHT FLUSH. In addition, the shadow cast from the probable dummy radar is prominent and provides a good indication of the antenna configuration. On

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a real STRAIGHT FLUSH radar, the bulkiness of the yoke mount, the mass of the pedestal, and the concentration of the antennas combine to cast a shadow which in most cases lacks the detail necessary to determine the true antenna configuration.

6. A comparison of the probable dummy TEL and the real TELs observed at NPIC site 722 shows that the probable dummy missiles on probable dummy TELs appeared to be slightly smaller and lacked the sharpness of detail seen in other missiles at the site. (This is also typical of wooden dummy missiles seen at SA-2 and SA-3 sites in Egypt.) The probable dummy TEL was positioned in a very low, poorly prepared revetment, while the four real TELs were in higher, well-prepared revetments which afford much more protection. The orientation of the launch revetment of the probable dummy TEL was out of line with the site guidance area. The four real TELs were in launch revetments with the open end of the revetment in line with the radar, which is the normal orientation. One additional unusual feature noted at NPIC site 722 is that this is the first time that five TELs have been observed at a deployed SA-6 site in Egypt (Figure 3).

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